the specification of which

(xx)

(CHECK ONE)

FEB 2 3 2004

-1-

PF020110

## DECLARATION FOR UNITED STATES PATENT APPLICATION, POWER OF ATTORNEY, DESIGNATION OF CORRESPONDENCE ADDRESS

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

## Process for selecting a transmission channel and receiver of signals with antenna diversity

is attached hereto.

( ) was filed on		J.	
and was amended			
I hereby state that I have reviewed			e identified
specification, including the claims, as amende			
I acknowledge the duty to disclose		aterial to the examina	tion of this
application in accordance with 37 CFR 1.56(a			
I hereby claim foreign priority benef	its under 35 USC 119	of any foreign applica	ation(s) for
patent, utility model, design or inventor's certi			
on which priority is claimed:	5	•	
		Priority	
Prior Foreign Application(s	;)	Claimed	
Number Country	Date Filed	Yes No	
02/11214 FR	September 5, 2002	XX	
, , , , , , , , , , , , , , , , , , ,	99919111991 9, 2002		
I hereby claim the benefit under 35 U	SC 120 of any US Appli	cation(s) listed below a	nd insofar
as the subject matter of each of the claim			
application in the manner provided by the fir			
disclose information which is material to the e	xamination of this appli	cation in accordance w	ith 37 CFR
1.56(a).			
Serial No.: Filed:			
I hereby declare that all statements			
statements made on information and belief a	re believed to be true;	and further that these :	statements
were made with the knowledge that wilful fals	e statements and the lik	e so made are punisha	able by fine
or imprisonment, or both, under of 18 USC 16			
the validity of the application or any patent iss		,	, ,
I hereby appoint the following attor		s application and to t	ransact all
business in the Patent and Trademark O			
			(11eg. 110.
27,914)and Joseph S. Tripoli (Reg. No. 26,04			anaina Ina
Address all correspondence to Josep		rations - Thomson Lice	msing, inc.
- CN 5312 - Princeton, New Jersey 08543-002	18.		
1/			
	H	·	
Signature:	Date: _//'	day of August	,2003.
Sole or First Joint Inventor: Vincent Demoulin		ل	
Citizenship: FR			
Residence and Post Office Address:	2 rue de Clayes		
residence and rest emberradious.	F-35137 Pleumeleuc		
	France		
Signature:		_day of	,2003.
Second Joint Inventor: Jean-François Kerjear	l		
Citizenship: FR			
Residence and Post Office Address:	16 rue de Keronvel		
. tot.co.noo and i out office / tot.co.			
	F-29217 Le Conquet		
	France		

PF020110

## DECLARATION FOR UNITED STATES PATENT APPLICATION, POWER OF ATTORNEY, DESIGNATION OF CORRESPONDENCE ADDRESS

As a below named inventor, I hereby declare that my residence, post office address and officenship are as stated below next to my name, and that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

## Process for selecting a transmission channel and receiver of signals with antenna diversity

the specification of which (CHECK ONE) (xx) is attached hereto. ( ) was filed on , Application Serial. No. and was amended on . I hereby state that I have reviewed and understand the contents of the above id specification, including the claims, as amended by any amendment referred to above.	
(CHECK ONE) (xx) is attached hereto.  ( ) was filed on , Application Serial. No. and was amended on .  I hereby state that I have reviewed and understand the contents of the above id specification, including the claims, as amended by any amendment referred to above.	
( ) was filed on , Application Serial. No. and was amended on . I hereby state that I have reviewed and understand the contents of the above id specification, including the claims, as amended by any amendment referred to above.	
and was amended on .  I hereby state that I have reviewed and understand the contents of the above id specification, including the claims, as amended by any amendment referred to above.	
specification, including the claims, as amended by any amendment referred to above.	
specification, including the claims, as amended by any amendment referred to above.	entified
I acknowledge the duty to disclose information which is material to the examination	of this
application in accordance with 37 CFR 1.56(a).	- (-) 6
I hereby claim foreign priority benefits under 35 USC 119 of any foreign application patent, utility model, design or inventor's certificate having a filing date before that	
application(s) on which priority is claimed:	01 1116
Priority	
Prior Foreign Application(s) Claimed	
Number Country Date Filed Yes No	
02/11214 FR September 5, 2002 xx	
I hereby claim the benefit under 35 USC 120 of any US Application(s) listed below	v, and,
insofar as the subject matter of each of the claims of this Application is not disclosed in the p	rior US
application in the manner provided by the first paragraph of 35 USC 112, I acknowledge the disclose information which is material to the examination of this application in accordance	auty to
CFR 1.56(a).	vitii 37
51 1 1.55 (a).	
Serial No.: Filed:	
I hereby declare that all statements made herein of my own knowledge are true and statements made on information and belief are believed to be true; and further that these statements made on information and belief are believed to be true; and further that these statements made on information and belief are believed to be true; and further that these statements made on information and belief are believed to be true; and further that these statements made on information and belief are believed to be true; and further that these statements made on information and belief are believed to be true; and further that these statements made on information and belief are believed to be true; and further that these statements made on information and belief are believed to be true; and further that these statements made on information and belief are believed to be true; and further that these statements made on information and belief are believed to be true; and further that these statements made on information and belief are believed to be true; and further that these statements made on the statement of the statements of the statement of th	ements
were made with the knowledge that wilful false statements and the like so made are punishing or imprisonment, or both, under of 18 USC 1001 and that such willful false statement jeopardize the validity of the application or any patent issued thereon.  I hereby appoint the following attorneys to prosecute this application and to transpusiness in the Patent and Trademark Office connected therewith: Joseph J. Laks (Re 27,914) and Joseph S. Tripoli (Reg. No. 26,040) Telephone: (609) 734-6834.  Address all correspondence to Joseph S. Tripoli, Patent Operations - Thomson Licensis - CN 5312 - Princeton, New Jersey 08543-0028.	ts may sact all g. No.
fine or imprisonment, or both, under of 18 USC 1001 and that such willful false statemen jeopardize the validity of the application or any patent issued thereon.  I hereby appoint the following attorneys to prosecute this application and to transbusiness in the Patent and Trademark Office connected therewith: Joseph J. Laks (Re 27,914) and Joseph S. Tripoli (Reg. No. 26,040) Telephone: (609) 734-6834.  Address all correspondence to Joseph S. Tripoli, Patent Operations - Thomson Licensis - CN 5312 - Princeton, New Jersey 08543-0028.	sact all g. No. ng, Inc.
fine or imprisonment, or both, under of 18 USC 1001 and that such willful false statemen jeopardize the validity of the application or any patent issued thereon.  I hereby appoint the following attorneys to prosecute this application and to transbusiness in the Patent and Trademark Office connected therewith: Joseph J. Laks (Re 27,914)and Joseph S. Tripoli (Reg. No. 26,040) Telephone: (609) 734-6834.  Address all correspondence to Joseph S. Tripoli, Patent Operations - Thomson Licensis - CN 5312 - Princeton, New Jersey 08543-0028.  Signature:	ts may sact all g. No.
fine or imprisonment, or both, under of 18 USC 1001 and that such willful false statemen jeopardize the validity of the application or any patent issued thereon.  I hereby appoint the following attorneys to prosecute this application and to transbusiness in the Patent and Trademark Office connected therewith: Joseph J. Laks (Re 27,914) and Joseph S. Tripoli (Reg. No. 26,040) Telephone: (609) 734-6834.  Address all correspondence to Joseph S. Tripoli, Patent Operations - Thomson Licensis - CN 5312 - Princeton, New Jersey 08543-0028.	sact all g. No. ng, Inc.
fine or imprisonment, or both, under of 18 USC 1001 and that such willful false statemen jeopardize the validity of the application or any patent issued thereon.  I hereby appoint the following attorneys to prosecute this application and to transbusiness in the Patent and Trademark Office connected therewith: Joseph J. Laks (Re 27,914)and Joseph S. Tripoli (Reg. No. 26,040) Telephone: (609) 734-6834.  Address all correspondence to Joseph S. Tripoli, Patent Operations - Thomson Licensis - CN 5312 - Princeton, New Jersey 08543-0028.  Signature:	sact all g. No. ng, Inc.
fine or imprisonment, or both, under of 18 USC 1001 and that such willful false statemen jeopardize the validity of the application or any patent issued thereon.  I hereby appoint the following attorneys to prosecute this application and to transbusiness in the Patent and Trademark Office connected therewith: Joseph J. Laks (Re 27,914) and Joseph S. Tripoli (Reg. No. 26,040) Telephone: (609) 734-6834.  Address all correspondence to Joseph S. Tripoli, Patent Operations - Thomson Licensis - CN 5312 - Princeton, New Jersey 08543-0028.  Signature:  Date:  Date:  day of  Citizenship: FR	sact all g. No. ng, Inc.
fine or imprisonment, or both, under of 18 USC 1001 and that such willful false statemen jeopardize the validity of the application or any patent issued thereon.  I hereby appoint the following attorneys to prosecute this application and to transbusiness in the Patent and Trademark Office connected therewith: Joseph J. Laks (Re 27,914) and Joseph S. Tripoli (Reg. No. 26,040) Telephone: (609) 734-6834.  Address all correspondence to Joseph S. Tripoli, Patent Operations - Thomson Licensis - CN 5312 - Princeton, New Jersey 08543-0028.  Signature:	sact all g. No. ng, Inc.
fine or imprisonment, or both, under of 18 USC 1001 and that such willful false statemen jeopardize the validity of the application or any patent issued thereon.  I hereby appoint the following attorneys to prosecute this application and to transbusiness in the Patent and Trademark Office connected therewith: Joseph J. Laks (Re 27,914) and Joseph S. Tripoli (Reg. No. 26,040) Telephone: (609) 734-6834.  Address all correspondence to Joseph S. Tripoli, Patent Operations - Thomson Licensis - CN 5312 - Princeton, New Jersey 08543-0028.  Signature:	sact all g. No. ng, Inc.
fine or imprisonment, or both, under of 18 USC 1001 and that such willful false statemen jeopardize the validity of the application or any patent issued thereon.  I hereby appoint the following attorneys to prosecute this application and to transbusiness in the Patent and Trademark Office connected therewith: Joseph J. Laks (Re 27,914) and Joseph S. Tripoli (Reg. No. 26,040) Telephone: (609) 734-6834.  Address all correspondence to Joseph S. Tripoli, Patent Operations - Thomson Licensis - CN 5312 - Princeton, New Jersey 08543-0028.  Signature:	sact all g. No. ng, Inc.
fine or imprisonment, or both, under of 18 USC 1001 and that such willful false statemen jeopardize the validity of the application or any patent issued thereon.  I hereby appoint the following attorneys to prosecute this application and to transbusiness in the Patent and Trademark Office connected therewith: Joseph J. Laks (Re 27,914) and Joseph S. Tripoli (Reg. No. 26,040) Telephone: (609) 734-6834.  Address all correspondence to Joseph S. Tripoli, Patent Operations - Thomson Licensis - CN 5312 - Princeton, New Jersey 08543-0028.  Signature:	ts may sact all g. No. ng, Inc.
fine or imprisonment, or both, under of 18 USC 1001 and that such willful false statemen jeopardize the validity of the application or any patent issued thereon.  I hereby appoint the following attorneys to prosecute this application and to transbusiness in the Patent and Trademark Office connected therewith: Joseph J. Laks (Re 27,914) and Joseph S. Tripoli (Reg. No. 26,040) Telephone: (609) 734-6834.  Address all correspondence to Joseph S. Tripoli, Patent Operations - Thomson Licensis - CN 5312 - Princeton, New Jersey 08543-0028.  Signature:  Date:	sact all g. No. ng, Inc.
fine or imprisonment, or both, under of 18 USC 1001 and that such willful false statemen jeopardize the validity of the application or any patent issued thereon.  I hereby appoint the following attorneys to prosecute this application and to transbusiness in the Patent and Trademark Office connected therewith: Joseph J. Laks (Re 27,914) and Joseph S. Tripoli (Reg. No. 26,040) Telephone: (609) 734-6834.  Address all correspondence to Joseph S. Tripoli, Patent Operations - Thomson Licensis - CN 5312 - Princeton, New Jersey 08543-0028.  Signature:  Date:  Date	ts may sact all g. No. ng, Inc.
fine or imprisonment, or both, under of 18 USC 1001 and that such willful false statemen jeopardize the validity of the application or any patent issued thereon.  I hereby appoint the following attorneys to prosecute this application and to transbusiness in the Patent and Trademark Office connected therewith: Joseph J. Laks (Re 27,914) and Joseph S. Tripoli (Reg. No. 26,040) Telephone: (609) 734-6834.  Address all correspondence to Joseph S. Tripoli, Patent Operations - Thomson Licensis - CN 5312 - Princeton, New Jersey 08543-0028.  Signature:  Date:  Date:  day of  Sole or First Joint Inventor: Vincent Demoulin Citizenship: FR Residence and Post Office Address:  2 rue de Clayes F-35137 Pleumeleuc France  Signature:  Date:  Dat	ts may sact all g. No. ng, Inc.
fine or imprisonment, or both, under of 18 USC 1001 and that such willful false statemen jeopardize the validity of the application or any patent issued thereon.  I hereby appoint the following attorneys to prosecute this application and to transbusiness in the Patent and Trademark Office connected therewith: Joseph J. Laks (Re 27,914) and Joseph S. Tripoli (Reg. No. 26,040) Telephone: (609) 734-6834.  Address all correspondence to Joseph S. Tripoli, Patent Operations - Thomson Licensis - CN 5312 - Princeton, New Jersey 08543-0028.  Signature:  Date:  Date	ts may sact all g. No. ng, Inc.

MAILING TO U.S. Patent and Trademark Office

PATENT OPERATIONS

Filed: 09/05/2003

Patent No.

Serial No. 10/656,074

Docket No. PF020110 Report to Data Base

itle: PROCESS FOR SELECTING A TRANSMISSION CHANNEL AND RECEIVER OF SIGNALS WITH ANTENNA DIVERSITY

Fee Trans.Form in duplic. Assignment & Record for TOTAL FEE AMT. \$280 Registration Data Sheet Appointment Atty/Agen Add.Payment of Fee Correction Of Record Notif. of Foreign Ref. Express Mail Application Ext Time§ 1.136(a) Date Deposited: 2/18/2004 OTHER Filing Fee Exp. Letter to PO Issue Fee Label No.: Charge <u>S</u> Mailed 2/18/04 2/18/04 2/18/04 Statement under CFR § 1.56-013M Fee Transmittal Sheet in duplicate Assignment & Recordation Sheet Check Items Mailed with Application Utility Application Transmittal IDS 1449 with References Preliminary Amendment Priority Document -Missing Parts Letter Terminal Disclaimer REQUESTS Cert. of Correction Suppl. Declaration Ext. Time§1.136(b) Notice of Appeals Pet. To Withdraw. Statement NASA OTHER Claim Disclaimer Status Letter Appeal Brief Declaration Reply Brief Declaration 2/15/04 2/15/04 Original-US Nat'l **US Provisional** APPLICATION AS FILED Continuation CPA/RCE Divisional Re-Exam Mailed Reissue 2/18/04 2/18/04 Check Type Letter to Exam/Draftsperson Reg. Priority 35USC119 **AMENDMENTS** w/Drawing Correction(s) After Allowance U/R312 Pg(s). of Formal Dwgs. Statement under §1.56 After Final Rejection Independent Claims Claims in Excess 20 Certificate of Mailing Specification Pages Sheets of Drawings OTHER IDS w/ references Lic. To For. File Statement DOE Abstract Pages After Rejection Supplemental Claim Pages Voluntary Enter Number Charge One Enter Date App. Mailed Mailed

